植物分类学报
第18卷 第1期 ACTA PHYTOTAXONOMICA SINICA 1980年2月

槐属的新分类群*

钟补求
(中国科学院植物研究所)

NEW TAXA AND NEW COMBINATIONS OF THE GENUS SOPHORA

TSOONG PU-CHIU
(*Institute of botany, Academia sinica*)

1. **光叶短绒槐** 新等级

Sophora velutina var. **cavaleriei** (Lévl.) Tsoong, stat. nov.——*S. cavaleriei* Lévl. Fl. Kouy-Tcheou. 242. 1914.

我国：贵州罗甸，Cavalerie 2617 (p. p.)；黄草坡，Cavalerie 8062、3909、3909 bis (type of S. Cavaleriei Lévl.)。云南，地点不明，E. E. Maire 477; Ducloux et Bodinier 284.

印度：Bombay, Belgaum, Dr. Rilchia 269; Stocks, Bombay Herb. of N. A. Dalzell 1850.

Cavalerie 3909 花的构造与短绒槐 S. velutina Lindl. 没有什么区别；翼瓣具伸出的单耳；荚果不很膨胀，毛少是与一种变化的中间类型相连结的。在 Belgam 的植物小叶上面完全无毛，荚果几无毛。因此应降为变种。

2. **贝哈利槐** 新种

Sophora ambigua Tsoong, sp. nov.

Fruticosa; ramis junioribus dense fulvo-tomentellis. Folia 5-17-foliolata, petiolo rhachidique eodemmodo ramuli vestita; foliola lineari-lanceolata usque elliptica, supra brevius subtus longiu, pilis longis sericea, adula supra fere subtus laxe pilosa. Inflorescentia laxa, ad 18 cm longa, sericea; floribus circ. 14 mm longis; calyx bilabiatus, 11 mm longus, dentibus labii inferioris ovatis; vexillum anguste lineari-oblongum, reflexum, apice retusum 15 mm longum, 3.5 mm latum; alae lineari-oblongae, fere unilaterales, auriculo inferiori vix prominente, 8 mm longae, 2.5 mm latae, ungue 5 mm longo; carinae obovatae, leviter falcatae, ungue limbo sequilongo; stamina 10-basi leviter'cohaerentia; ovarium longe sed laxe pilosum, stylo glabro. Legumen leviter quadras ngulare, 1-5-spermum, prominenter et crebre reticulatum, rostris et interstitiis complaniusculis 2.5 mm latis; semina oblongo-ovoidea, olivacea, 8mm longa, 3.5 mm lata.

印度 (India)：Behali, Netarhat and below Parasnatn, H. H. Haines 4709、4709A (type), alt. 3000 ft.

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* 本文是钟补求教授的外文手稿，由马其云同志翻译整理。

3. **硬脊果槐** 新等级

Sophora mollis Grah. var. **griffithii** (Stocks) Tsoong, stat. nov. —— *S. griffithii* Stocks in Kew Bull. Bot. **4**: 147. 1852. ——*S. mollis* subsp. *Griffithii* (Stocks) Ali, Fl. West. Pak. **100**:27. 1977.—— *Keyserlingia griffithii* (Stocks) Boiss. Fl. Or. **2**:630. 1872.

阿富汗: E. T. Aitchison 3.

巴基斯坦: Baluchistan, Harsukh Herb.Bot. Dept. N.Ind. no, 20519; Luetta, J. H. Lace 2832、3914, J. F. Duthie 8642, Stocks 720, Lady Duthie 17.

从 Baker, Prain 和 Gagnrpain 的著作中,虽然看到在翅果槐 S. mollis 与 S. griffithii 之间,有不同的变化,但是当把无翅果槐 S. mollis var. hydaspadis 和毛翅果槐 S. mollis var. duthiei 类型的特征考虑进去,就可明显看出 S. griffithii 是属于翅果槐下的一个变化类型。从苏联吉尔吉斯采到的 (in Kew) 那号标本,小叶圆卵形,下面被厚而白色丝毛,如果荚果无翅,肯定可以归入 S. griffithii。另外一些标本具较宽的翅,但被黄色丝毛与 S. griffithii 相符合。花梗的长度是不可靠的,在完全无毛的类型中,有的标本花梗长达 21 毫米,这在毛翅果槐与 S. griffithii 之间是无价值的。从荚果的翅来说, S. griffithii 与无翅果槐是一样的。荚果的毛被也有变化,如 J. H. Lace 3914 荚果具狭窄的硬脊,但近无毛。在花期,无翅果槐与翅果槐不能分开就象 *S. griffithii* 与毛翅果槐不能分开一样。当荚果的翅不很重要时,翅果槐的荚果无毛与被毛类型就很可信了。

4. **腺鳞果槐** 新等级

Sophora howinsula (Oliver) Tsoong, stat. nov.——*S. tetraptera* J. Mill. var. *howinsula* W. R. B. Oliver in Trans. N. Zeal. Inst. **49**:139. 1917.——*S. tetraptera* F. Muell. in Fragm. Phytog. Austr. **7**:26. 1869, non J. Mill. 1780; Hemsl. in Ann. Bot. **10**:235. 1896.——*Edwardsia chrysophylla* Moore, Lord Howe Isl. Official. Visit. 24. 1870, non Salisb. 1808.

洛德豪岛, Lord, Howe's Island, Ex Herb.Phytologic Museum of Victoria (Fl. type); J. D. McCornish; 无地名 Milne Voyage of Herald.

本种曾经归入过黄叶槐 S. chrysophylla, 但本种小叶具凸起的网脉,下面苍白色,翼瓣镰状急尖及荚果表面被腺质鳞片很容易鉴别。 本种曾作为四翅槐 S. tetraptera 的一个变种,除了上面谈的征状外,小叶数目少,叶形大也很不相同。

5. **巴哈马绒毛** 新变种

Sophora tomentosa Linn. var. **bahamensis** Tsoong, var. nov.

A typo recedit foliolis textura crassis, reticulis subtus saepe prominulis, pilis adpressis utrinque valde lucidis supra mox glabrescentibus subtus persistentibus; floribus multo quam in typo longioribus, legumine fere glabro, loculis 6–8 mm solum in diametro.

北美洲: Florida, H. N. Moldenke 544; Bokeelia, H. N. Moldenke 936A.

西印度洋群岛: Bahamas. J. I. & A. R. Northrop 727; Northern section Copice, J. K. Small & J. J. Carter 8834; Great Ragged Island, P, Wilson 7846; Augilla Islands, P. Wilson 7953, 8059 (type); Mariguana, P. Wilson 7574; Caicos Island, P. Wilson 7704.

本变种看来与原种很好区别,因具有厚而变成无毛狭窄的小叶,花长及荚果室直径

小。它是与紫花绒毛槐相连接的中间类型。光叶绒毛槐（S. tomentosa f. glabra）根据 Dr. Van Steenis 的意见其叶子与本变种相近似，但它的荚果是正常的而不同。 它只在 Florida 和 Bahamas 发现，从西印度洋的另外一些标本可归入紫花绒毛槐或原种中。

6. **小花锈毛槐** 新变种

Sophora prazeri Prain var. **micrantha** Tsoong, var. nov.

Arbuscula, ramis tenuibus flexuosis. Foliolis iis typi sed minoribus; floribus bene evolutis multo quam in typo minoribus; calyx circ. 5 mm longus; vexillum usque 1 cm longum, 4 mm latum. Legumen normale; seminibus 10 mm longis. 6 mm latis.

印度（India）：Anam, Delei valley, Kingdon Ward 7959 (type).

7. **西南槐** 新等级

Sophora prazeri Prain var. **mairei** (Pamp.) Tsoong, stat.nov. —— *S. mairei* Pamp. in Nuov. Giorn. Bot. Ital. **17**:31. 1910; Dunn in Journ. Linn. Soc. Bot. **39**:496. 1911. ——*S. wilsonii* Craib in Sarg. Pl. Wils.**2**:94. 1914.

我国四川：康定，A. E. Pratt 366；灌县，E. H. Wilson 1067 (P. P,) (*S. wilsonii*, typus)；无地名，A. Henry 154, W. P. Fang 5553, E. H. Wilson 3390、3390A.

8. **小叶锈毛槐** 新变种

Sophora prazeri Prain var. **burkei** Tsoong, var. nov.

A typo differt foliolis breviter obtuseque acuminatis subtus margine pilis longius et densius vestitis.

缅甸（Burma）：D. Burke (type).

本变种小叶的形状是尾叶槐 S. benthamii 与锈毛槐 S. prazeri 的中间类型；渐尖不如前者那样优美，但比后者明显。根据小叶下面被疏而长的柔毛是很容易鉴别的。

9. **缅甸稀见槐** 新变种

Sophora exigua Craib var. **elatior** Tsoong, var. nov.

A typo caule elatiore, foliolis multis majoribus subtus minute pubescentibus, pilis brevissimis conspersis differt.

越南（Vietnam）：Hue & Vicinity, R. W. Squires 280.

缅甸（Burma）：Lower Chindwin, Maukadaw, J. H. Lace (type).

10. **红花槐** 新名称

Sophora rubriflora Tsoong, nom, nov.—— *S. violacea* Thw. in Enum. Pl. Zeal. 94. 1859, non Dipp. ex Spach. 1841; Baker in Hook. f. Fl. Brit. Ind. **2**:249. 1878; Trim. Hando. pl. Ceyl. **2**:95. 1894.

Zealanica：W. Matura, Thwaitis 3546；无地名，Herb. Beddome 2466.

11. **美丽槐** 新等级

Sophora arizonica Wats. var. **formosa** (Kearn.et Peebl.) Tsoong, stat. nov.——*S, formosa* Kearn. et Peebl. in Journ. Wash. Acad. Sc. **29**:482. 1939; et U. S. Dept. Agr. Misc. Publ. **423**: 432. 1942.

A typo foliolis floribusque majoribus, bracteis linearibus longioribus differt.

美国 (USA): Arizona, Pinaleno Mts. Escarpment of Frys Mesa, T. H. Kearney & R. H. Peebles 14233.

花的解剖构造与亚利桑那槐 S. arizonica 无区别，其健壮的体态还未达到一个种的程度。

12. **赫布里底槐** 新种

Sophora oblongata Tsoong, sp. nov.

Arbor ad 10m alta; rami annotini cortice fusco obtecti, juniores fulvo-tomentelli. Folia elongata ad 28 cm longa, 25–27-foliolata, exstipulata; rhachidibus cylindricis superne canaliculatis tenuiter fulvo-tomentellis; foliolis plerumque oppositis vix 2 mm longe petiolulatis inferioribus ellipticis vel elliptico-oblongis basi ac apice subcordatis superioribus gradatim majoribus magis elongatis elongato-oblongis utrinque in eodem modo obtusissimis vel rotundatis, ad 42 mm longis 14 mm latis supra fere glabris opacis in sicco nigrescentibus subtus sparsissime et minute pubescentibus, pilis densioribus ad nervum medium, nervis lateralibus vix prominentibus circ. 7. Racemus terminalis ut videtur spatio florenti longissimo instructus, basi leguminibus bene evolutis apice alabastris valde immaturis circ. 10 et inter eos cicatricibus florium sterilium leguminibusque junioribus hic illc praeditus; flores desiderati. Legumen nondum adultum in pedicello 1 cm longo valido situm, ad 14 cm longum et 6 mm in diam. mediocriter torulosum, leviter compressum, basi stipiti compresso ultra 2 cm longo suffultum, apiceque stylo persistenti 5 mm longo acuminatum, suturis robustis valde elevatis secus margines valvarum ornatum, utrinque venosum; seminibus saepe 4–5 nigris.

新赫布里底群岛 (New Hebrides): Erromanga Island, Diloon Bay. Raim forest, S. F. Kajewoski 376 (type), alt. 300m, (Herb. Kew).